

Mercury Cyber Security Journey



ABOUT MERCURY

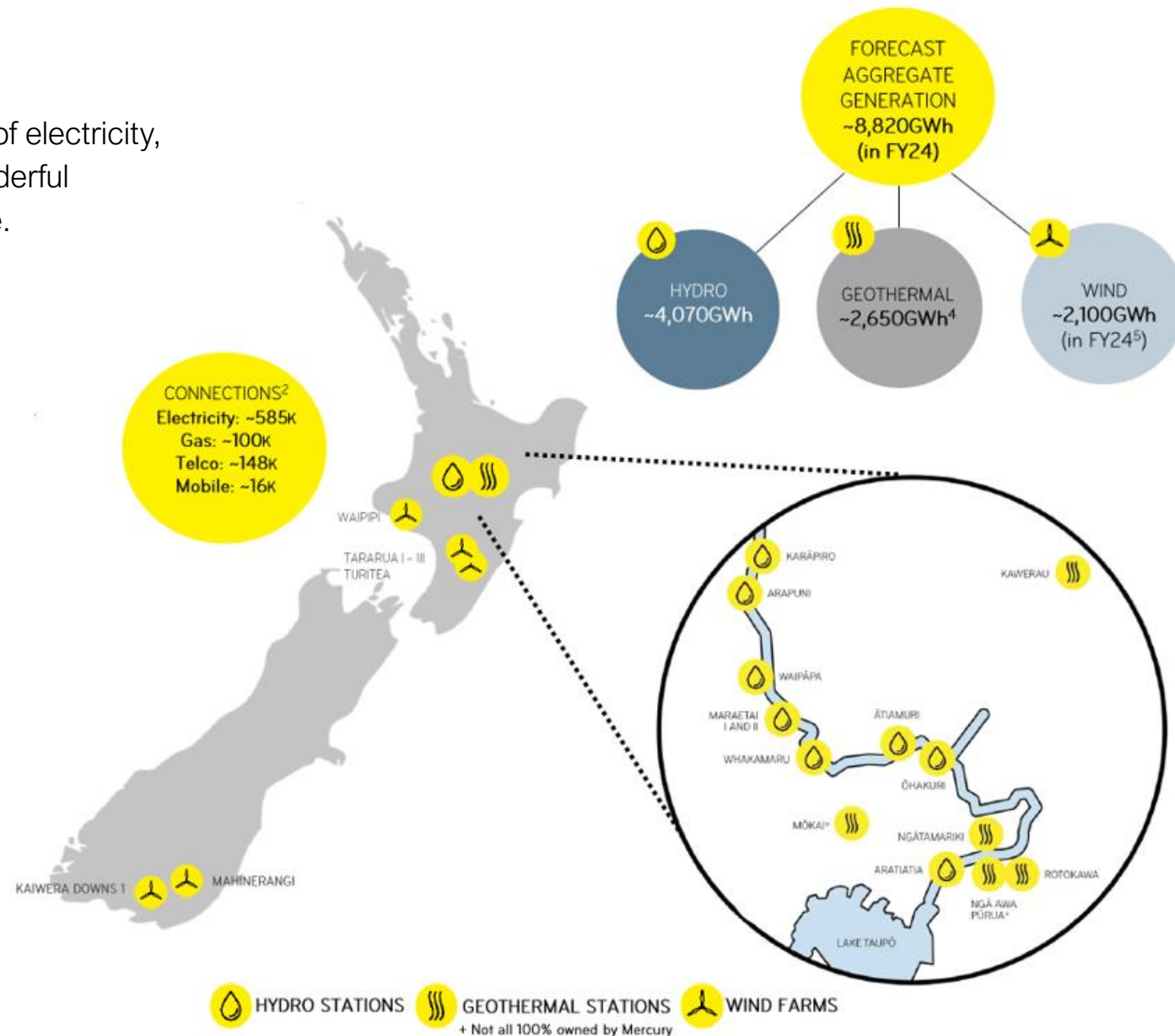
We are an electricity generator and multi-product utility retailer of electricity, gas, broadband and mobile services focused on delivering wonderful solutions for New Zealanders at home, at work and on the move.

New Zealand's second largest gentailer by value, New Zealand's largest wind generator and New Zealand's largest electricity retailer by customer market share.

- Generation market share: 22%
- Electricity retail market share (by customer numbers): 26%

Snapshot:

- 51% owned by the New Zealand government
- Ticket codes: MCY.NZ / ASX:MCY
- Market Capitalisation: NZ\$9.1 billion
- Issuer Credit Rating: BBB+/Stable (S&P Global Ratings)
- FY23 EBITDAF Guidance: NZ\$795 million



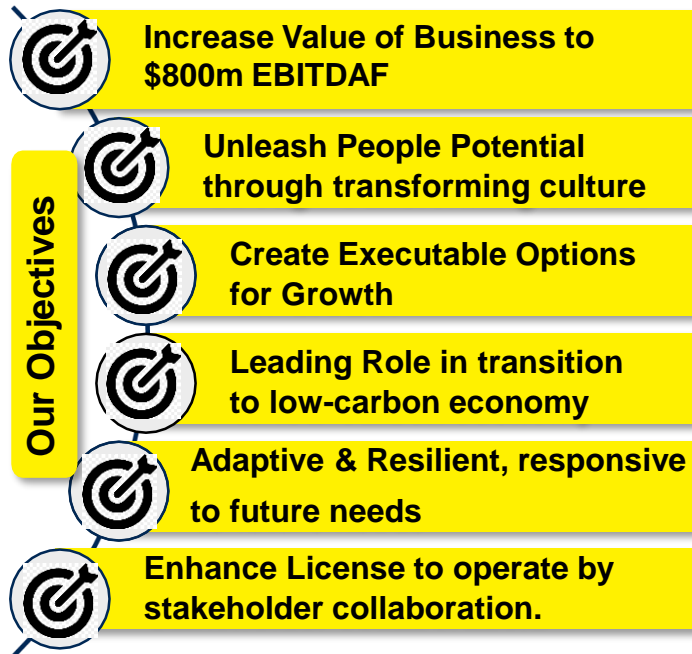
SECURITY STRATEGY ON A PAGE

Who We Are

Our Purpose:

Taking care of tomorrow: Connecting people and place today.

Our Ability to Achieve These



The Risks We Face

If We Don't Manage These Risks
We Have a Problem

Inappropriate Data Access

Customer/Organisation Data Leakage

Widespread Generation Outage

Compromised Technology Platforms

Third Party Risk

Protracted Internet Outage

The Way We Do IT

How We Address Them



Each of these risks can have significant impacts on both the operational and reputation aspects of Mercury, ranging from loss of customer trust and damage to reputation to reduced production output and complete shutdown of operations. A robust risk management program is essential to identify, assess, and mitigate these risks to minimise their impact on the Mercury.

OUR STRATEGIC APPROACH TO MANAGING OUR RISKS

Mission

To support our enterprise strategy, achieve our vision and exceed business goals while ensuring we are within our risk appetite

Vision

Providing comprehensive security and risk management while supporting the business objectives of today and tomorrow

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Customer/Organisation Data Leakage

Widespread Generation Outage

Compromised Technology Platforms

3rd Party Risk

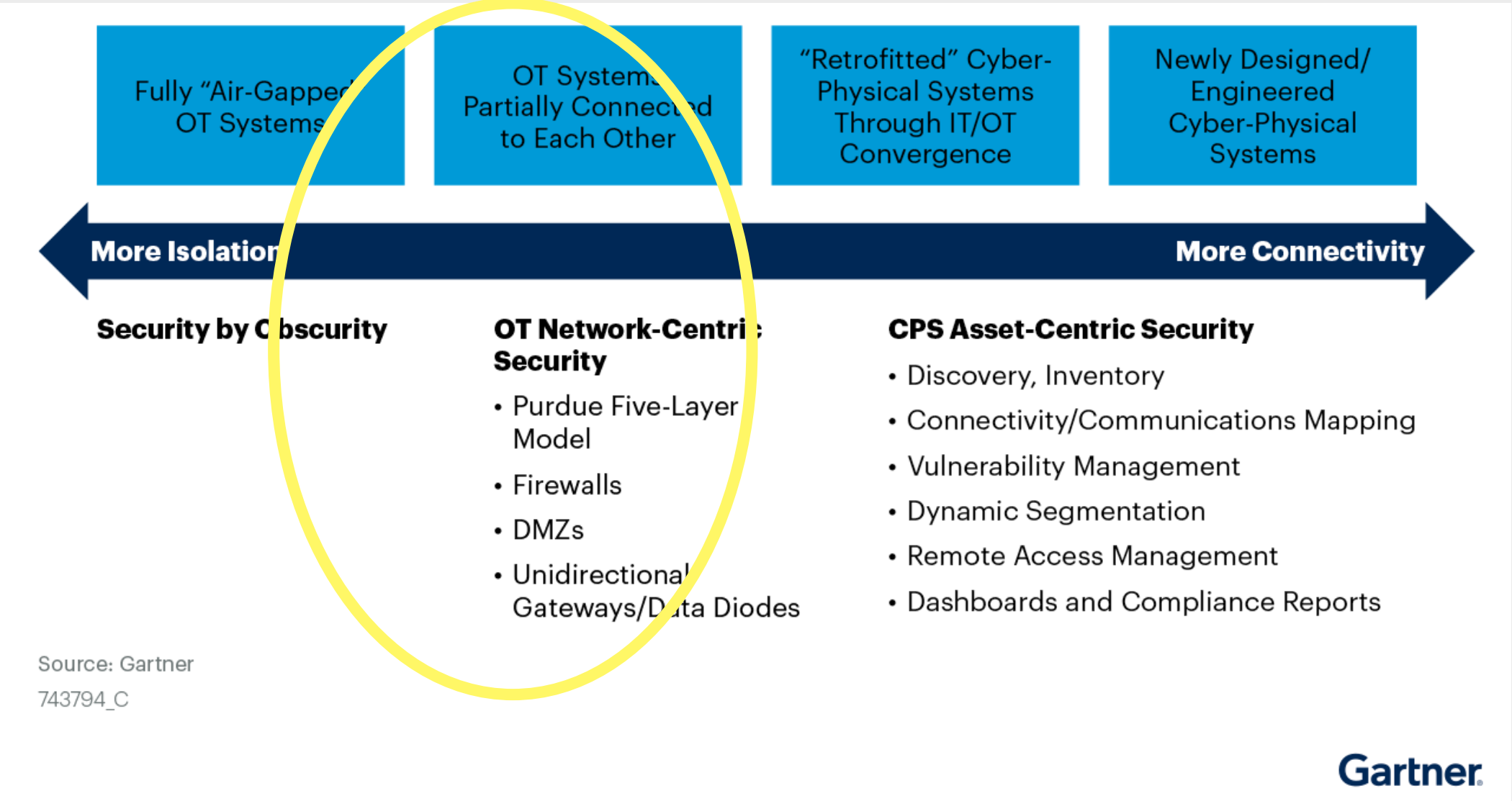
Protracted Internet Outage



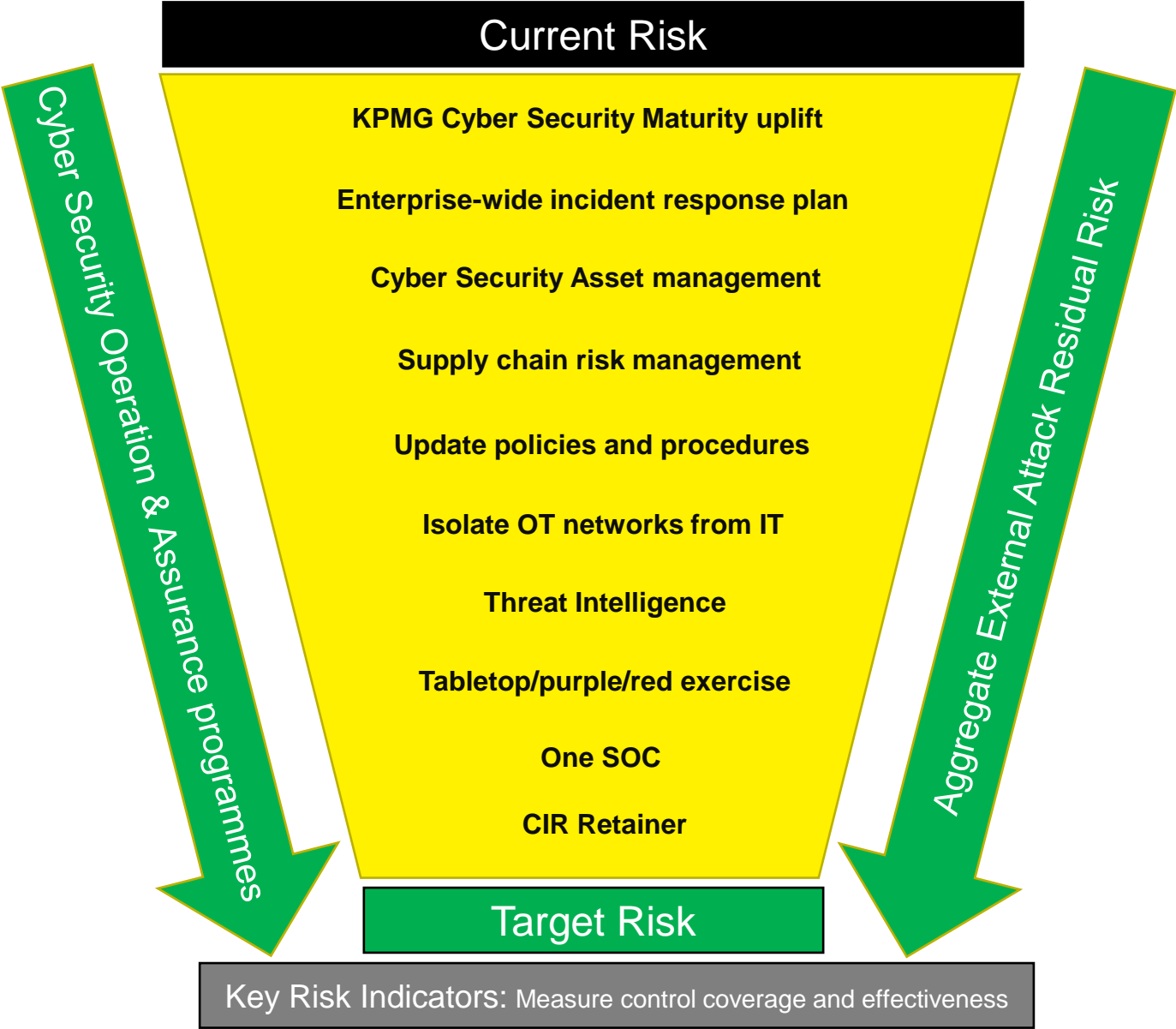
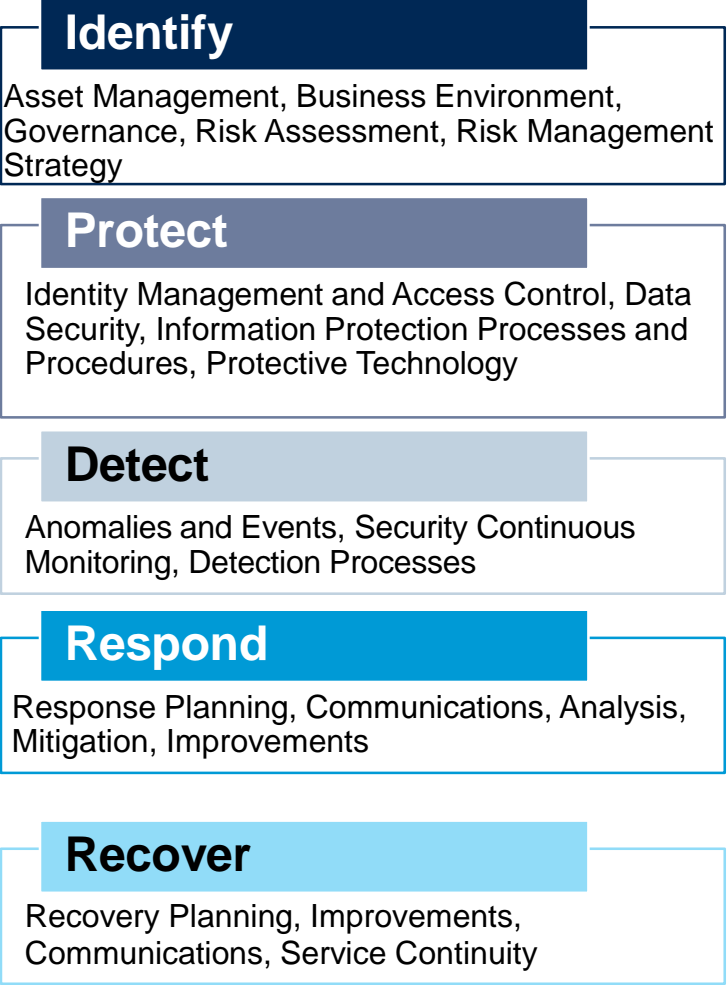
Cyber Objectives

- ✓ Know what we have, what's important and what we are doing
- ✓ Implement efficient and effective measures to protect ourselves
- ✓ Catch the things we didn't stop in an appropriate time frame
- ✓ Prioritise and react to incidents
- ✓ Return to good state of operations as soon as feasible and reasonable

EVOLUTION OF SECURITY APPROACH ACROSS GENERATION



INHERENT RISKS REDUCED THROUGH NEW INITIATIVES



Leading cyber risk management tactics and techniques to maintain, adapt and improve the depth and breadth of our mitigating cyber risk controls

KNOWLEDGE SHARING IS THE KEY

NCSC

- National Cyber Security Centre

MFN

- Malware Free Networks & Threat Intelligence

OT-CERT

- OT Cyber Emergency Readiness Team (APAC)

CSSIE

- Control Systems Security Information Exchange

GridEX

- Largest grid security exercise in North America

AWS SRT

- AWS Shield Response Team



ROADMAP

SUNRAY ROADMAP FOR CHANGE

Intended delivery
timeframe

Phase 1 – FY24 (July 1 2023
– June 30 2024)

Phase 2 – FY25 (July 1 2024 – June 30 2025)

Phase 3 – FY26 (July 1 2025 – June 30
2026)

To-Be

Target State

Server Security Uplift and
Consolidation

Physical Security uplift
Phase 1

Email Security
Consolidation and Uplift

Uplift Supply Chain
Security

Uplift Cloud Security (E5)
Phase 1

Threat Intelligence and
OSINT

Cyber Training and Awareness
Consolidation and Uplift

SOAR

Cyber Readiness

Business Environment/
Strategy Uplift

Security Governance
and Risk Management
Program Uplift

Physical Security uplift
Phase 2

Cyber Resilience

Uplift Cloud Security (E5)
Phase 2

Information Protection and
DLP Program Phase 2

Functional Model
Uplift

Physical Security
uplift Phase3

Information Protection and
DLP Program Phase 3

Cyber Security Mesh
Architecture Roadmap

Implement IAM Roadmap\
Phase 3

Implement IAM Roadmap\
Phase 2

Develop and Implement
SASE Roadmap

Implement IAM Roadmap\
Phase 1 (IGA)

Develop and Implement
Zero-Trust Roadmap

Information Protection and
DLP Program Phase 1

Develop and Implement
DevSecOps Roadmap

Security
Operations Uplift

Security Roadmaps
and Programs

Security Operational Programme

Security Assurance Programme

Generation Security Uplift

ISP Security Uplift

Enabement of
Strategic Initiatives

Type:

Mercury Existing or
Planned Initiative

Recommended Uplift
Initiatives

Status:

Started

Not Started



ROADMAP

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Phase 1 – FY24 (July 1 2023
– June 30 2024)

High-Risk Areas Mitigated and Focus on
establishing Foundational Security Capability

Phase 2 – FY25 (July 1 2024 – June 30 2025)

Continued focus on establishing and
uplifting Foundational Security Capability

Phase 3 – FY26 (July 1 2025 – June 30
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Consolidation and UpliftUplift Supply Chain
SecurityUplift Cloud Security (E5)
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Phase 1 (IGA)Threat Intelligence and
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Consolidation and Uplift

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Cyber Readiness

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Zero-Trust RoadmapPhysical Security uplift
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Server Security Uplift and Consolidation

Physical Security uplift Phase 1

Email Security Consolidation and Uplift

Uplift Supply Chain Security

Uplift Cloud Security (E5) Phase 1

Threat Intelligence and OSINT

Cyber Training and Awareness Consolidation and Uplift

SOAR

Cyber Readiness

Business Environment/Strategy Uplift

Security Governance and Risk Management Program Uplift

Physical Security uplift Phase 2

Cyber Resilience

Uplift Cloud Security (E5) Phase 2

Information Protection and DLP Program Phase 2

Functional Model Uplift

Physical Security uplift Phase3

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Cyber Security Mesh Architecture Roadmap

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Implement IAM Roadmap\ Phase 1 (IGA)

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Enablement of Strategic Initiatives

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Security Roadmaps and Programs

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